



**US Army Corps
of Engineers®**
Headquarters

AN INFORMAL PUBLICATION



February 1997

The ***Gargoyle*** is an informal news publication issued by the Architectural and Planning Branch (CEMP-EA), HQUSACE, for architects, interior designers, and landscape architects throughout USACE. This is our twenty-first edition. We request that this news be **widely distributed in your area.**

Gargoyle Basics

●**The *Gargoyle* is distributed by e-mail** to the addressees we have on our list of USACE Architectural Points of Contact. Please let us know if your address changes to help us keep you in the loop. Your **comments, recommendations, and questions about individual *Gargoyle* topics** may be directed to the points of contact provided with each article. E-mail addresses and phone numbers for HQUSACE contributors are provided at the end of each edition. We also welcome your contributions. **Information and news of interest to, or about, USACE architects, interior designers, or landscape architects should be e-mailed to Rick Dahnke.** Past and present *Gargoyles* are available on our Branch Home Page at http://www.hq.usace.army.mil/cemp/e/ea/cemp_ea.htm.

●We would like your comments about our plans for distributing future editions of the ***Gargoyle***. In lieu of the current WordPerfect Format, we propose to e-mail the ***Gargoyle*** in Adobe Systems' **Portable Document File (PDF) Format**. This format offers cross-platform capability and keeps electronic publications--text, graphics, and photographs--virtually identical to the original, whether the original is in color or black and white. Our Information Management Directorate, CEIM-IV, has adopted this format for USACE publications--ER, ETL, TM, etc.--issued by HQUSACE. The PDF format will allow us to include color photos and renderings of design projects in the ***Gargoyle***

for example, as shown in the attached 1996 COE Design and Environmental Awards Brochure (provided as a test case). This document will give you a good example of the convenience of the new PDF standard for USACE documents.

To read PDF files, you need the Adobe Acrobat Reader installed on your computer. **The Reader is available on-line free from Adobe at <http://www.adobe.com>.** Once the Reader is installed, with the ***Gargoyle*** e-mail open (and assuming you are using GroupWise), put your mouse cursor on the Adobe attachment icon and click your RIGHT mouse button, then select "Open." If everything is working properly, your Adobe Acrobat Reader should be invoked and the attachment will automatically be displayed by the Reader. **Your comments should be e-mailed to Rick Dahnke. Additional information is also available from Rick.**

Personnel News

●**Chief of the Medical Facilities Office retires.** James (Jim) V. Allred, Chief of the HQUSACE Medical Facilities Office (CEMP-EM) since its inception, retired on 3 January 1997 after 33 years of government service.

After practicing architecture in the private sector for several years, Jim served as architect for the U.S. Air Force from 1963-1967 at Wright-Patterson Air Force Base, OH. He served one year with the Army Surgeon General in

Washington, DC, before joining HQUSACE. Initially, he served as Chief Architect, then as Chief of the Medical Facilities Office when the office was formed in 1978. As Chief of the Medical Facilities Office, Jim was responsible for the design and construction of Army and Air Force medical facilities world-wide in a program currently valued at \$1.3 billion. Under his leadership, an unprecedented record of delivering projects within budget and on, or ahead of schedule, was established. Many of the completed facilities were recognized with national design awards from the American Institute of Architects, Modern Health Care Magazine, Secretary of Defense, Air Force, and Chief of Engineers.

Jim earned a Bachelor of Architecture Degree at Kent State University and the Master of Architecture Degree at Catholic University of America. He furthered his graduate studies at the Government Management Institute in Williamsburg, VA and at the Brookings Institute in Washington, DC. A registered architect in the state of Virginia, Jim remained active in community affairs and in professional organizations. His past and current involvements include The American Institute of Architects (AIA), DOD Medical Facilities Acquisition & Maintenance Board, National Institute of Building Sciences, Fairfax County Architectural Review Board, the National Trust for Historic Preservation, Reston Community Center Governing Board, Fairfax County Athletic Council, Reston Soccer Association, and the United Christian Parish.

Jim's distinguished career is marked by scores of notable achievements, awards, and decorations. His countless recognitions include the 1995 USACE Commander's Award, the 1992 USACE Architect of the Year Award (first recipient), and the 1990 Charles E. Christ Award for outstanding contributions to the U. S. Army Health Facilities Programs. Jim and his wife, Joyce, reside in Reston, VA. They have two grown children, Jay and Joy. **For additional information, contact Chris Hinton-Lee, CEMP-EM.**

●**Please welcome aboard Jeffery T. Hooghouse** who has joined the Architectural and Planning Branch here at HQUSACE. Jeff graduated from the University of Central Florida with a degree in Engineering Technology. He majored in architectural engineering technology, building construction, and computer aided design and drafting (CADD). Jeff's previous work experience before coming to HQUSACE was with the U.S. Army Engineer District, Norfolk, as a project architect and as an architect with the U.S. Coast Guard Support Center, Portsmouth, VA. He

also worked as an architect in the private sector. Jeff will be responsible for developing policies, standards, and architectural criteria for military and special-use facilities such as barracks, dining and TISA facilities, and operations facilities. Jeff will also support USACE design and construction programs and specialized areas such as the CADD design library, metrication, and the DA Facilities Standardization Program.

●**CESPK SHARES IN AGC PARTNERING AWARD.** Gary Headley, Family Housing Project Manager at CESPK, has been invited to Washington, DC, to receive special recognition for "partnering" from the Associated General Contractors (AGC) of America for the FY95 Whole Neighborhood Renewal Project (118 units) at Ft. Huachuca, AZ. The Actus-Sundt Corporation will share **the 1997 Marvin M. Black Excellence in Partnering Award** with the Sacramento District. A presentation is scheduled for 6 March 1997. **The point of contact is Frank A. Norcross.**

●Also, **Honor Awards** were recently presented to several HQUSACE architects for their outstanding contributions to USACE. **Tom Kenney**, CEMP-EA, and **Jim Allred**, CEMP-EM, both received **the Superior Civilian Service Award**, **Al Young**, CEMP-EA, received **the Commander's Award for Civilian Service**, and **Dan Duncan**, CEMP-EA, received **the Meritorious Civilian Service Award**. These awards were presented to our team members by the Director of Military Programs in the presence of their peers. **Congratulations guys!**

Upcoming Events

●**The 1997 Architect of the Year and Landscape Architect of the Year Awards.** This year's memorandum requesting nominations for the architect and landscape architect of the year was signed on 9 December 1996 and went to all MSC, districts, and laboratories throughout USACE. Submittals were due in HQUSACE on, or before, 28 February 1997. CEMP-EA is collecting all nominations and will conduct a review of the candidates by an independent jury to determine the best qualified to receive the awards. A panel of three judges for each discipline will select the winners for the commander's approval. This process should be completed before the end of May 1997. It is anticipated that the two award winners will be announced this June at the USACE Organization Day Awards Ceremony in Washington, DC. **Contact Dale Moeller for additional information.**

●**1997 Architects, Landscape Architects, and Interior**

Designers Symposium. We are still planning to hold this symposium, as reported earlier; however, we now propose to have it in Austin, TX. In keeping with the theme, ***Facilities Design and Installation Engineering for Force 21***, the agenda will include a field trip to Fort Hood to see our design efforts in action. We are working with the Huntsville Engineering and Support Center to secure a hotel for our lodging and meeting and will announce the location and reservation requirements ASAP. Thanks to all of you who forwarded topic suggestions. If there are any additional topics that you feel are important to this agenda, please let us know. This is your symposium and we want to keep it exciting, informative, and helpful to everyone attending. **Contact Dale Moeller for additional information.**

•The Society of American Military Engineers (SAME) has created a new medal which will be presented this year for the first time. The award is called the ***Max O. Urbahn Medal for Architecture***. The medal will be awarded annually to an architect in civil or military practice for the most eminent and notable contribution in the profession of architecture. Nominations for this year's award were due to SAME by mid-February. (We will remind you earlier next year.) Announcement of the medal winner will be at the end of month. All USACE architects are eligible for this medal which is a great opportunity to receive recognition from this prestigious society for the work you do for the Army and the nation. **Contact Dale Moeller for application forms and instructions.**

Training Opportunities

•**Army Management Staff College (AMSC).** A 14-week training course in professional development at the Army Management Staff College is available three times a year! So far, very few architects have applied for acceptance which is unfortunate since the training is excellent and prestigious and is available at no cost to the district, MSC, or laboratory.

The curriculum is designed to provide advanced professional development across management areas in acquisition, resource management, personal development, logistics, and installation support. It covers TDA organizations such as installations, headquarters, depots, R&D centers, and medical centers. The curriculum is focused for managers and leaders who will advance to fill key positions with the Army and the Federal government.

Briefly, the course is open to grades GS-12 thru GS-14 and

MAJ-LTC; the next two scheduled sessions, 97-3 and 98-1, are scheduled for 23 September thru 12 December 1997 and 13 January thru 3 April 1998, respectively; HQDA pays for the transportation, tuition, and room and board; and the training will be given at Fort Belvoir, VA. Nomination packages must be received at HQUSACE, CEHR-D, by 4 April 1997 for Session 97-3 and by 4 August 1997 for Session 98-1. **The HQDA catalog *Civilian Training, Education, and Professional Development Opportunities* provides complete information and reproducible application materials for the AMSC Course (as well as for other Army courses). Contact your area training office for the HQDA catalog, additional information, and local application suspense dates. The HQDA catalog is also available on-line at [HTTP://image.redstone.army.mil/html/weblink/actdslnx.html](http://image.redstone.army.mil/html/weblink/actdslnx.html).** Again, this training provides an excellent opportunity for architects to become tomorrow's leaders.

DA Facilities Standardization Program

•**Barracks.** A site visit by representatives from the Office of Assistant Chief of Staff for Installation Management (OACSIM) to the barracks project at Ft Rucker, KY is planned for early March 1997. The significance of this visit is that the Ft. Rucker barracks design is based on Module A of the one-plus-one barracks criteria developed under the Chief of Staff, Army single soldier quality of life initiative. The facility was recently turned over to the installation, and room furniture is now being installed. A formal ribbon cutting ceremony will be held this spring. **Additional information on barracks issues may be obtained from Al Young.**

Interior Design News

•**DG 1110-3-122, Design Guide For Interiors, December 1996,** will go to printing in March. The document is being converted to PDF format and will be loaded on the Internet with other USACE publications. The printed document, developed by the Interior Design Technical Center of Expertise, Omaha District (CEMRO), will also be available from the USACE Publications Depot.

•**Pre-wired Workstations in Military Construction.** Some UNICOR representatives have been spreading false and misleading information about the legality of the USACE position on the use of pre-wired workstations in military construction. They have indicated that pre-wired workstations must be bought from UNICOR. In fact the

opposite is true. On 10 January 1997 the Secretary of the Army General Counsel (SAGC) issued their position on the Acquisition of Pre-Wired Workstations for Ft. Leavenworth Disciplinary Barracks. SAGC supported the USACE position that pre-wired workstations are integral to the construction of the building when they are hard-wired to the facility. In this case, the pre-wired workstations were funded using Defense Business Operations Funds (DBOF). We interpret this decision to mean they also support the USACE position that fund source for pre-wired workstations is not an issue.

The USACE position is that, to be integral to the facility, pre-wired workstations must be hard-wired to the building. To document that they are integral to the design and construction of the facility, pre-wired workstations, including their cost, must be itemized in the programming documents. No change has been made in the USACE policy stated in ER 1110-345-122, AR 415-15, and EIRS Bulletins 95-07 and 96-03. USACE will continue to purchase pre-wired workstations as part of the construction contract. They will be competitively procured using CEGS-12640, Pre-wired Workstations, edited to meet project requirements. When pre-wired workstations are integral to the project as defined above and in the references, a waiver from UNICOR is not to be requested nor is it required.

●**Interior Design: Goals, Processes, and Issues, PROSPECT 335**, has been revised to emphasize why each of the course topics is important to design excellence. The course focuses on the knowledge that users need to program, plan, and assist the design team in creating excellent interiors, as well as how to operate completed facilities to preserve their appearance. Topics include Policy and Process, Team Roles and Responsibilities, Design Issues, Applications, Completing the Project, Current Trends, and a Field Trip. The course will be offered in Chicago, Illinois, 28 April thru 2 May 1997; tuition is \$1,140. **Spaces are available for this session. Contact Josephine Dooley, CEHNC-TD-RG for reservations**, telephone 205-895-7420, facsimile 205-895-7469. This is the month to sign up for the FY98 session of this course. FY98 tuition is \$1,290. Course date and location are 24-28 April 1998 in Washington, DC.

●**For information on the above interior design issues, please contact Frank A. Norcross.**

●The Ft. Worth District has shipped the standard design package for the upgrade of LBC&W type existing barracks. The Architectural and Engineering Instructions for the BUP are being finalized and should be distributed along with the Program Management Plan (PMP) by 28 February 1997.

●Ft. Worth and their contract A-E are now pushing hard to complete the standard design package for the upgrade of the BB&A type barracks.

●**For additional information on BUP and Installation Support issues, please contact Stan Swofford.**

Historic Preservation

●**Window Conference and Exposition for Historic Buildings II. James Tippet, CENPS-ED-DB-AC, and Frank Norcross, CEMP-EA**, attended The Window Conference and Exposition for Historic Buildings II held in Arlington, VA, on 19 thru 21 February. Restoring, rehabilitating, and sometimes replacing windows in historic buildings are issues critical to preserving the historic value and architectural character of Army buildings. Problems of material deterioration, lack of maintenance, energy conservation concerns, and environmental regulations often lead to a premature decision to replace windows. However, rehabilitation is generally more cost effective than replacement, it preserves the character of historic buildings, and it is compatible with energy conservation goals when the building is considered as a whole. Information from the conference will be used to update AEI, Design Criteria, as well as applicable CEGS and historic preservation training.

●**Historic Structures, Maintenance and Repair, PROSPECT 392, and Historic Structures, Craft Skills Training, PROSPECT 163**, are important courses for FY98 if you want to find out more about how to preserve historic windows and other features. This is the month to sign up for the FY98 Sessions. PROSPECT 392 will be offered in Seattle, WA, 16 thru 20 March 1998; tuition is \$1,120. PROSPECT 163 will be surveyed for two sessions: Fort Sam Houston, San Antonio, TX, 9 thru 13 February 1998 and Fort Monroe, Hampton, VA, 4 thru 8 May 1998; tuition is \$1,020. **Call the CEHNC Registrar for reservations at 205-895-7420.**

●**For additional information on historic preservation issues, please contact Frank A. Norcross.**

The Barracks Upgrade Program (BUP)

Design-Build News

●**Collaborative Workshop on Design-build.** The Design-Build Institute of America (DBIA), The American Institute of Architects (AIA), the Associated General Contractors of America (AGC), and the American Consulting Engineers Council (ACEC) jointly sponsored a two-day workshop on **Public Procurement of Design-Build Services**. The workshop was held on 20 and 21 February 1997 at the J. W. Marriott Hotel in Washington, DC. The guest lecturers were Paul Brott, AIA; William Birkhofer, Sverdrup Corp, ACEC; Daniel Duncan, HQUSACE; Ralph Johnson, Turner Corp, AGC; and Michael Loulakis, Esq., Construction Strategies, Inc. Of the 114 persons in attendance, 45 percent were from Federal or State governments, and 55 percent were from the private sector. The workshop was well received and very beneficial. **For additional information on Design-Build issues, contact Daniel Duncan.**

Family Housing

●**Capital Venture Initiative (CVI) Pre-proposal Conference on Privatization of Fort Carson, CO, Family Housing.** Omaha District conducted a pre-proposal conference at Colorado Springs, CO, on 11 February 1997 to answer proposers' question on the RFP for this initiative. The project goal is to rehabilitate 1284 units and build 840 new units within 5 years. The full term of the contract will be 50 years and will require the operation, maintenance, and rehabilitation of all 2124 units. The selected contractor will receive housing allowances in escrow. Approximately 400 people attended the pre-proposal conference. Questions involved tax and real estate issues, financing issues, and the relative importance of selection factors. The RFP contains few technical requirements. The CVI legislation may prove to be a good way for installations to fence the quarters allowance for a private contractor to provide operation, maintenance, and rehabilitation of Army family housing stock. **For information on family housing criteria and process issues, please contact Frank A. Norcross.**

Roofing News

●**Roofing Conference.** CEMP-EA, CEMP-CE, CRREL, CECER, CECPW, CESWF, CESAM, CESAS, CEORL, CENPA, CEMRO, CESWT, and DAIM attended the CEMP-ET-sponsored roofing conference with representatives of the roofing industry from 28 thru 30 January 1997. Presentations by USACE districts, PWC Ft. Jackson, and industry representatives highlighted problems related to insufficient design detailing, lack of training in roofing

problems and solutions, the need for tighter specifications, the need for close supervision of quality control, and the lack of maintenance which shorten the life of Army roofs. Industry representatives recommended improvements in each area. Five of fifteen roof-related CEGS are in the program this year for revision, and we are formulating plans for revision of other guidance. Please refer to EIRS Bulletin 97-02 for areas where immediate improvements can be achieved.

●**Roofing Technology (Advanced), Prospect #142.** The 1997 and 1998 sessions of this course will provide students with the revised fourth edition of the National Roofing Contractors Association (NRCA) *Roofing and Waterproofing Manual*. This is the best reference document currently available for roofing details, is referenced in CEGS, and is a \$200 value. The fourth edition is two 3" binders. It is also available in CD-ROM format. Course tuition is only \$900 for FY98. Two sessions of the course are offered each June in Huntsville, AL. **Contact the Huntsville Registrar, Josephine Dooley, CEHNC-TD-R, telephone 205-895-7420, facsimile 205-895-7469 for reservations.** The FY98 Training Needs Survey should be in your office this month.

●**For information on roofing systems, please contact Frank A. Norcross.**

Millimeter (mm) News

●**Metriation Of The Architectural Registration Examination (ARE).** The Board of Directors of the National Council of Architectural Registration Boards (NCARB) has recently approved a policy that mandated **FULL** implementation of the metric system of measurement in the ARE by all states by the year 2004. We expect other design/engineer professions to follow.

●**Metric Sheetrock.** Recently a contractor for the Fort Jackson Barracks project informed the Savannah District that he was experiencing difficulties in obtaining hard metric sheetrock. According to the contractor, he could not locate a manufacturer who will make sheetrock in hard metric thickness (but the metric width and length were no problem). Most of us already know that, for "hard" metric sheetrock, **only the width and the length will change** from 4'-0" to 1200 mm and from 8'-0" to 2400 mm (or from 10'-0" to 3000 mm, etc.), respectively, to fit the metric design module of 100 mm or its multiples. The **thickness** of the sheet (½", 5/8", etc.) **does not** change so that the

fire, acoustical, and thermal ratings won't have to be recalculated. On drawings, the thickness of metric sheetrock is shown as 12.7 mm, or sometimes as 13 mm instead of the exact 12.7 mm conversion of ½" thickness. Similarly, 5/8" thick sheetrock is shown as 15.9 mm or 16 mm instead of the exact 12.7 mm conversion. CEGS for Gypsum Wallboard (CEGS-09250) incorporates these requirements.

According to our source, metric sheetrock is readily available in most regions but may require longer lead times for ordering and/or minimum orders. A final note; if you decide to allow an inch-pound substitute product for a metric project, i.e., the soft metric sheetrock, the contractor should not be allowed to cut or trim the sealed edges of the soft metric sheets. Please refer to enclosure 2 (Guidance for Specifying Modular Metric Construction Products) to our recent Metric Design Policy Memorandum dated 13 December 1996.

●For additional metric information, contact Ami Ghosh.

Modular Design System (MDS) News

●The Vice Commander, Naval Facilities Engineering Command (NAVFAC), in a memorandum dated 30 January 1997, has agreed that the Modular Design System (MDS) will be used for the U.S. Army Reserve Center, Ft. Buchanan, Puerto Rico. Additionally, the Atlantic Division of NAVFAC is considering using one of Louisville District's existing A-E contracts to develop the design. MDS training for NAVFAC personnel will be scheduled to support their design management process.

●**MDS Enhancements.** CECER-PL and CEWES-ID have completed the revision of MDS software which now enables the design of buildings up to five stories in metric or inch-pound measurement systems, and incorporates the data on barracks provided by CESAS-EN. This updated version also enables the creation of new modules or the editing of existing modules in metric or inch-pound systems, and allows the designers to select the Corps of Engineers Guide Specifications (CEGS) or the original MDS specifications--product-based (three manufacturers or equal) hybrid specifications developed for U.S. Army Reserve and Army National Guard facilities. The evaluation and cost effectiveness test of this beta version of MDS 2.0 (to determine its ability to perform multi-story metric designs) is scheduled to start after a kick-off meeting on 17 January 1997. Savannah District will be performing the test.

●For more information, contact Daniel W. Duncan.

SPECSINTACT (SI) News

●As a reminder, the beta release of *WordSpec* for using SPECSINTACT with Microsoft Word is currently being tested in many offices around the country. If your office would like to participate in testing this software, e-mail Ms. Pat Robinson, EG&G, at pat.robinson-1@ksc.nasa.gov to register and obtain a copy of *WordSpec*. You may also register and download this beta software directly from the SI Home Page at <http://www-de.ksc.asa.gov/specsintact>. People participating in the testing program will be given support by EG&G and will be asked to provide feedback regarding performance of the software. For testing purposes, you need to have **SPECSINTACT with SGML** and Microsoft Word 6.0c or Word 7.0, as well as access to the SISGML guide specifications on either CCB or TECHINFO. **SPECSINTACT** is available from the SI Home Page, TECHINFO, and CCB. **Contact Rick Dahnke for additional information.**

Electronic Publishing and Criteria News

●**PDF Publications Online.** As mentioned earlier in this edition of the *Gargoyle*, CEIM-IV is converting all DA technical manuals (TM) and USACE publications (e.g., EC, EP, ER, ETL, OM) to the PDF Format. As the documents are converted, they are being uploaded to the **Publications Library under the USACE Home Page** at <http://www.usace.army.mil/inet/usace-docs/>. CEIM-IV expects to have this process completed by the end of this fiscal year, and once completed, we expect to phase out hard copy distribution of the DA and USACE documents.

Because the Publications Library will contain **all** publications under the purview of Information Management (to include personnel regs., real estate regs., mission statements, etc.), we are establishing links from the Publications Library to TECHINFO to single out the engineering and design-related publications needed by USACE designers. TECHINFO will continue to be the site where CEGS, CEAGS, and CWGS are maintained, along with Architectural and Engineering Instructions (AEI), Engineering Instructions (EI), Engineering Improvement Recommendation System (EIRS) Bulletins, and related support documents. **The web site for TECHINFO is <http://www.hnd.usace.army.mil/techinfo/tiindex.html>.**

●We will also continue to distribute our criteria on the **Construction Criteria Base (CCB)** produced by the National Institute of Building Sciences (NIBS). In the near future, NIBS will only have to link to TECHINFO to access our consolidated engineering and design criteria database. This will ensure that we have the same guidance published on all of our distribution sources. **The Internet version of CCB is located at <http://www.nibs.org/ccb>.** To access this site, you need the subscriber number shown on the packing list that ships with your CD-ROM edition of CCB. The quarterly CD-ROM edition of CCB will continue to be produced for the time being (until Internet access becomes more widespread).

●**EIRS Bulletins.** As you probably know by now, EIRS Bulletins are issued monthly and expedite dissemination of important technical information and lessons learned regarding issues and problems common to all USACE Commands. The Bulletins also announce all new publications issued by Engineering Division, Military Programs, and are the forum we use to issue and authenticate incremental revisions to AEI and EI prior to a full rewrite of the parent documents. If you miss the distribution of EIRS Bulletins within your office, current and (recent) back issues of the publication are posted **on TECHINFO at <http://www.hnd.usace.army.mil/techinfo/eirsbull.html>.**

●**Other important Web Sites.** Our Branch Home Page, which is always under design, **is located at http://www.hq.usace.army.mil/cemp/e/ea/cemp_ea.htm** and provides easy access to hot topics and guidance that the Branch is responsible for. We welcome your input to help us improve communication, share lessons-learned, and provide the information you need to have. **Send comments and suggestions to us directly from the Home Page.**

Accessibility Publications. The Department of Justice maintains a web site to distribute various **Americans with Disabilities Act (ADA)** materials online at **<http://www.usdoj.gov/crt/ada/publicat.htm>.**

The Installation Support Home Page under our Division web site is located at **<http://www.hq.usace.army.mil/cemp/e/cemp-e.htm>** and provides related guidance, the current list of **USACE Design Champions for Installation Support (DCIS)**, and the AEI for Installation Support.

●**For more information, contact Rick Dahnke.**

●**New DoD Instruction (DoDI) Update.** On 19 February 1997, a meeting was held by the team members (Army, Air Force, Navy, and Marine Corps) developing the **DoDI, Facility Planning, Engineering, Design, Construction, Operations, and Maintenance Policy**, which is to replace Mil-HDBK 1190. Conflicting comments were resolved, and a revised final draft of the DoDI will be prepared. When the draft is completed, a team meeting will be scheduled with OSD for presentation and approval of the DoDI. **For additional information about this initiative, contact Al Young.**

●**Revision of the AEI on Design Criteria.** A complete revision of this AEI is currently underway for anticipated publication in the third quarter this year. We invite your input to help us with this initiative. To meet our publication milestone, **your comments and recommendations should be e-mailed to Rick Dahnke by 14 March 1997.**

●**Revised Numbering of Guide Specification.** We have initiated revision of CEGS and CEAGS section numbers to conform to the 1996 release of MasterFormat, 1995 Edition, from the Construction Specification Institute (CSI). The 1995 MasterFormat supersedes the 1988 Edition and represents current practices in the construction industry for numbering and naming of specifications, related documents, files, cost items, products, and construction activities. The new edition incorporates some significant rearrangements of numbers and titles, particularly in Divisions 1, 2, 13, 15, and 16. This will be a phased effort, and CEGS/CEAGS will be renumbered as required when the specifications are programmed for an update. Revised section numbers will be assigned by the Huntsville Engineering and Support Center in coordination with the appropriate HQUSACE Technical Proponents. Revised CEGS and CEAGS will be available on TECHINFO as the specifications are approved.

●**For additional information, contact Rick Dahnke.**

Streamlining Specifications

●There are only 19 MIL-SPECS/STDS and 31 FED-SPECS/STDS still remaining in the CEGS and CEAGS as the result of our ongoing efforts to replace MIL and FED references in the guide specifications with industry standards and specifications. The remaining MIL and FED references are active documents and are exempted from established waiver process requirements pending the

identification of suitable replacement references. **The current list of exempted MIL/FED-SPECS/STDS is available on TECHINFO at <http://www.hnd.usace.army.mil/techinfo/misc/waivers.pdf>.**

Again, non-exempted FED/MIL-SPECS/STDS added locally to project specifications must be waived by district Chiefs of Engineering and their use reported to HQUSACE, CEPR-O. Non-exempted MIL and FED references must be locally verified to be active documents prior to their use. **Active MIL-SPECS/STDS are identified in the *Department of Defense Index of Specifications and Standards (DoDISS)* available on TECHINFO at <http://www.hnd.usace.army.mil/techinfo/tiindex.html>.** (This links you to a DoD web site; once you are there, click on *Tips for Searching DoDISS Online* for guidance on using their database.) **The active status of FED-SPECS/STDS may be verified by telephoning the GSA Federal Supply Service at (202) 619-8925.**

●**Annual Cost of Reference Pubs for Design and Construction.** Input from several USACE offices indicates the field would like relief from the high cost of reference publications used in construction contract documents to define project requirements. Typically, offices buy subscriptions to reference publications directly from standards organizations such as UL and ASTM or pay fees to publication services such as IHS for access to publications. Due to declining resources, many offices are canceling their subscriptions to these sources or are buying edition updates less frequently, leading to design obsolescence. Over the last 2 years, NIBS has been putting the less expensive (and free) reference documents on CCB. More are being added all the time. Currently, CCB has about 50% of the references used by 80% of the organizations that use CCB. OSD(E&C) believes substantial savings are possible if there was one central buy of the remaining references and asked CCB committee members to canvass their offices to estimate how much is being spent on reference pubs. A CEMP-E survey indicates that USACE spends an average of \$39K per district and \$9K per division annually, or \$1.7M USACE-wide. This amount approaches \$5M for all CCB member agencies. As a result, OSD(E&C) and NIBS agreed to pursue a bulk purchase of ASTM--one of the most used reference sources and at \$4500 per set per office, one of the most costly.

●**For more information, contact Rick Dahnke.**

Medical Facilities Office News

●**HQUSACE Names New Liaison to AIA.** USACE and The American Institute of Architects (AIA) have maintained an outstanding professional relationship for many years, culminating in 1994 with the first partnering agreement between a Federal agency and The AIA.

The success of this relationship was due largely to the efforts of the USACE Liaison to The AIA, Mr. James V. Allred, R.A. Mr. Allred served as liaison from 1981 until his retirement from the Medical Facilities Office in January 1997. During this time, great strides were made to develop an informed, practical understanding of the needs, strengths, and expectations of USACE and The AIA.

To ensure continuation of the fine USACE/AIA relationship fostered by Mr. Allred during his long career, Lieutenant General Joe N. Ballard, Chief of Engineers, has recommended that Mr. Lawrence P. Delaney, RA, officially assume Mr. Allred's position as the USACE Liaison to The AIA.

Mr. Delaney will also assume Mr. Allred's position on The AIA Federal Agency Liaison Group (FALG). The AIA formed FALG to discuss areas of mutual interest and concern among Federal design and construction agencies, member firms of The AIA, and AIA senior staff. Other FALG members include representatives from NAVFAC, GSA, USPS, and the Department of Veterans Affairs.

Mr. Delaney is a registered architect, a member of The AIA, and NCARB-certified. He has worked closely with Mr. Allred and AIA senior staff on numerous issues for several years. Mr. Delaney is currently Chief of Architecture and Project Direction, Medical Facilities Office, Engineering Division, Directorate of Military Programs. **For additional information, contact Larry Delaney.**

Definitions

●**Definition for this Issue:** *RAGWORK*--crude or rubble masonry laid in a random pattern of thin-bedded, undressed stone (like flagging); most commonly set horizontally.

●**Next Issue's Definition:** *SACELLUM?*

Gargoyle Contributors

Tom Kenney, Chief, CEMP-EA, telephone DSN 763-0438 or (202) 761-0438, or e-mail "thomas.kenney@inet.hq.

usace.army.mil".

Rick Dahnke, CCS, CEMP-EA, telephone DSN 763-1203 or (202) 761-1203, or e-mail "rick.dahnke@inet.hq.usace.army.mil".

Larry Delaney, RA, CEMP-EM, telephone DSN 763-1545 or (202) 761-1545, facsimile DSN 763-0959 or (202) 761-0959, or e-mail "larry.delaney@inet.hq.usace.army.mil".

Dan Duncan, CEMP-EA, telephone DSN 763-0437 or (202) 761-0437, or e-mail "duncand@inet.hq.usace.army.mil".

Ami Ghosh, CEMP-EA, telephone DSN 763-8603 or (202) 761-8603, or e-mail "ami.ghosh@inet.hq.usace.army.mil".

Chris Hinton-Lee, RA, CEMP-EM, telephone DSN 763-1540 or (202) 761-1540, facsimile DSN 763-0959 or (202) 761-0959, or e-mail "chris.lee@inet.hq.usace.army.mil".

Dale Moeller, RLA, CEMP-EA, telephone DSN 763-8814 or (202) 761-8814, or e-mail "dale.moeller@inet.hq.usace.army.mil".

Frank A. Norcross, RA, CEMP-EA, telephone DSN 763-0881 or (202) 761-0881, or e-mail "frank.norcross@inet.hq.usace.army.mil".

Ed Racht, RLA, CEMP-EA, telephone DSN 763-8816 or (202) 761-8816, or e-mail "ed.racht@inet.hq.usace.army.mil".

Stan Swofford, AIA, CEMP-EA, DSN 763-0441 or (202) 761-0441, or e-mail "stanley.swofford@inet.hq.usace.army.mil".

Al Young, CEMP-EA, telephone DSN 763-0435 or (202) 761-0435, or e-mail "albert.young@inet.hq.usace.army.mil".